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ance Notes on Codes and Abbreviations" appearing at the begin-
ning of each regular issue of the PCT Gazette.*

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(54) Title: BIPHENYL SULFONAMIDES AS DUAL ANGIOTENSIN ENDOTHELIN RECEPTOR ANTAGONISTS

(57) Abstract: Novel biphenyl sulfonamide compounds which are combined angiotensin and endothelin receptor antagonists are claimed along with methods of using such compounds in the treatment of conditions such as hypertension and other diseases, as well as pharmaceutical compositions containing such compounds.

INTERNATIONAL SEARCH REPORT

International Application No

PC US 00/33730

A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 C07D413/12 C07D413/14 C07D403/14 C07D487/04 C07D261/16
 C07D401/12 C07D417/12 A61K31/42 A61P9/12

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 C07D

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ, CHEM ABS Data

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	US 5 612 359 A (MURUGESAN) 18 March 1997 (1997-03-18) column 4, line 58 -column 6, line 2; claims; example 15 ---	1-46
X	US 5 846 990 A (MURUGESAN) 8 December 1998 (1998-12-08) claims; examples ---	26
Y	US 5 780 473 A (MURUGESAN ET. AL.) 14 July 1998 (1998-07-14) column 6, line 33 -column 7, line 45; claims; examples ---	1-46
Y	US 5 514 696 A (MURUGESAN ET. AL.) 7 May 1996 (1996-05-07) column 5, line 13 -column 6, line 2; claims; examples ---	1-46
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☒ Further documents are listed in the continuation of box C.☒ Patent family members are listed in annex.

* Special categories of cited documents:

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"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

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Date of the actual completion of the international search

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INTERNATIONAL SEARCH REPORT

International Application No

PC JS 00/33730

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT		
Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	GB 2 264 710 A (MERCK & CO) 8 September 1993 (1993-09-08) claims; examples ---	1-46
X	WO 98 33780 A (BRISTOL MYERS SQUIBB) 6 August 1998 (1998-08-06) claims; examples ---	1,26,39
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Y	US 5 760 038 A (MURUGESAN ET. AL.) 2 June 1998 (1998-06-02) claims; examples -----	1

INTERNATIONAL SEARCH REPORT

international application No.
PCT/US 00/33730

Box I Observations where certain claims were found unsearchable (Continuation of item 1 of first sheet)

This International Search Report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:

1. ☒ Claims Nos.:
because they relate to subject matter not required to be searched by this Authority, namely:

Although claim 23 is directed to a method of treatment of the human/animal body, the search has been carried out and based on the alleged effects of the compound/composition.
2. ☐ Claims Nos.:
because they relate to parts of the International Application that do not comply with the prescribed requirements to such an extent that no meaningful International Search can be carried out, specifically:
3. ☐ Claims Nos.:
because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).

Box II Observations where unity of invention is lacking (Continuation of item 2 of first sheet)

This International Searching Authority found multiple inventions in this international application, as follows:

see additional sheet

1. ☒ As all required additional search fees were timely paid by the applicant, this International Search Report covers all searchable claims.
2. ☐ As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of any additional fee.
3. ☐ As only some of the required additional search fees were timely paid by the applicant, this International Search Report covers only those claims for which fees were paid, specifically claims Nos.:
4. ☐ No required additional search fees were timely paid by the applicant. Consequently, this International Search Report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.:

Remark on Protest

☐ The additional search fees were accompanied by the applicant's protest.

☒ No protest accompanied the payment of additional search fees.

FURTHER INFORMATION CONTINUED FROM PCT/ISA/ 210

This International Searching Authority found multiple (groups of) inventions in this international application, as follows:

1. Claims: 1(part),2-25,27-31,32(part),33-37,39-46

Compounds of formula I in which R1 is A, B, E, G - N

2. Claims: 1(part),32(part),38

Compounds of formula I in which R1 is D

3. Claim : 1(part)

Compounds of formula I in which R1 is F

4. Claim : 1(part)

Compounds of formula I in which R1 is O

5. Claim : 26

Compounds of formula LXX.

INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

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